

PROTON EXCHANGE MEMBRANE ELECTROCHEMICAL CELL SYSTEM

ABSTRACT

A compression member for an electrochemical cell stack is provided. The compression member includes a first surface including a plurality of raised portions, a second surface including a substantially flat surface, and an edge defined by the first surface and the second surface. The plurality of raised portions is aligned to define a plurality of receiving areas. The plurality of raised portions and the plurality of receiving areas are configured such application of an axial compressive force spreads the plurality of raised portions into the plurality of receiving areas. The edge includes a portion configured to receive an electrochemical cell terminal therethrough. The compression member is formed of electrically non-conductive materials.